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VIA HAND DELIVERY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Burch et al.

Application No.: 09/831,631

Group Art Unit: To be assigned

Filed: National Stage of PCT Application  
PCT/US99/26671 filed November 12, 1999

Examiner: To be assigned

Attorney Docket No.: 6750-018

For: CONTRACEPTIVE ANTIBODY VACCINES

Confirmation No. 6957

**TRANSMITTAL OF SUBSTITUTE SEQUENCE LISTING**  
**UNDER 37 C.F.R. § 1.825**

Commissioner for Patents  
Washington, DC 20231

Sir:

In response to the Notice of Defective Response mailed on April 9, 2002, Applicants submit herewith copies of a Substitute Sequence Listing in paper and computer readable forms, to correct the deficiencies of the Sequence Listing noted in the Notice of Defective Response.

I hereby state that the content of the paper and computer readable copies of the Substitute Sequence Listing, submitted in accordance with 37 C.F.R. §§ 1.825(d), are the same. I hereby state that the submission herein under 37 C.F.R. § 1.825(d) does not include new matter.

Applicants do not believe that any fee is due. However, should a fee be required, please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A duplicate copy of this document is enclosed for accounting purposes.

Respectfully submitted,

Date April 25, 2002

Adriane M. Antler 32,605  
Adriane M. Antler (Reg. No.)

**PENNIE & EDMONDS LLP**  
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Enclosures

by Margaret B. Poirault  
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UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
 United States Patent and Trademark Office  
 Washington, D.C. 20231  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/831,631 ✓	Ronald Martin Burch	6750-018 ✓

INTERNATIONAL APPLICATION NO.
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PCT/US99/26671

I.A. FILING DATE	PRIORITY DATE
11/12/1999	11/13/1998

Pennie & Edmonds  
 1155 Avenue of The Americas  
 New York, NY 10036-2711

CONFIRMATION NO. 6957

371 FORMALITIES LETTER



\*OC000000007807945\*

Seq. Listing: 5/9/02 (M)

Date Mailed: 04/09/2002

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fee
- Priority Document
- Biochemical Sequence Diskette
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Oath or Declaration
- Preliminary Amendments
- Request for Immediate Examination

REFERRED TO <u>Antler</u> REC'D <u>Yohoyama</u>
APR 16 2002
Pennie & Edmonds O.K. for filing _____

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

**Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).**

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
  - A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."

- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
  - APPLICANT MUST PROVIDE:
    - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
    - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
- For Rules Interpretation, call (703) 308-4216
  - To Purchase PatentIn Software, call (703) 306-2600
  - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)
- A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
  - The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAYA L LEWIS BALTIMORE

Telephone: (703) 305-3695

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/831,631	PCT/US99/26671	6750-018